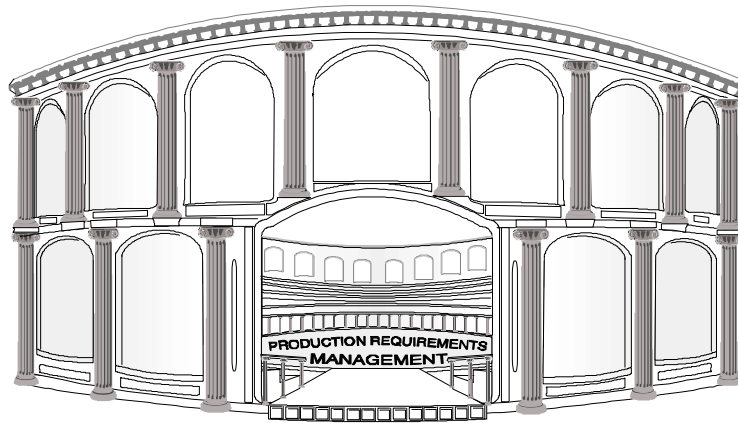


UNCLASSIFIED

**COMMUNITY ON-LINE INTELLIGENCE SYSTEM
FOR END-USERS AND MANAGERS
(COLISEUM)**



**CONCEPT OF OPERATIONS
(CONOPS)
FOR
SECRET COLLATERAL VERSION**

Contract MDA908-96-C-0005

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Prepared By
J.G. Van Dyke & Associates, Inc.
6550 Rock Spring Dr., Suite 360
Bethesda, Maryland 20817

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EXECUTIVE SUMMARY

The Community On-Line Intelligence System for End-Users and Managers (COLISEUM) is an automated Intelligence Community production/requirements management system operating at the Secret/Collateral level. COLISEUM-S is a Department of Defense Intelligence Information System (DoDIIS) core product and has been certified as a DoDIIS Migration system. COLISEUM received Joint Integration Test Facility (JITF) Certification on 1 September 1995 with an Interim Operational Capability (IOC) implementation date of 1 October 1995. Final Operational Capability (FOC) implementation is scheduled for summer 1996.

COLISEUM-S currently consists of three modules: 1) a request for information (RFI) module, 2) a production module, and 3) a reports module. These modules provide the DoDIPC with an on-line, real-time capability for the preparation, submission, validation, and assignment of production requirements; a production center response capability which includes the ability to perform searches for existing products as well as the mechanism to schedule and track intelligence production; and an information reporting capability for the tracking and management of RFIs/PRs and responses. COLISEUM-S also has an Email interface that is used to notify customers and organizations about new RFIs/PRs, completed RFIs/PRs, new products, and/or modifications to RFIs/PRs or Product information.

COLISEUM exploits the configuration and communications infrastructure in the Joint Deployable Intelligence Support System (JDISS-S) to ensure timely satisfaction of RFIs/PRs, to track production related activities, and to ensure that effective production management oversight can be accomplished for the Defense Intelligence Production Functional Manager.

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SECTION 1. INTRODUCTION

1.1 Document Purpose

The purpose of the Community On-line Intelligence System for End-users and Managers (COLISEUM) application Concept of Operations (CONOPS) is to present a high-level description of how COLISEUM will satisfy community requests for information and for an overall production management system, and how it will operate in the production environment. This CONOPS also describes ongoing integration/connectivity issues and serves as a road map for future enhancements based on newly validated requirements and developing technologies. This CONOPS is a dynamic document that will be updated periodically to reflect enhancements and changes to the scope of COLISEUM and its environment. For the date of last revision, please see the cover page.

COLISEUM primarily reflects the original Department of Defense Intelligence Management System (DoDIMS) portion of the system with the exception of the National Community requirements specified in the National Intelligence Producers Board (NIPB) functional requirements documentation dated 11 January 1994. At one point, both the Department of Defense (DoD) system name, DoDIMS, and the National system name, COLISEUM, were used to assist in transitioning the DoDIMS core functionality to a single Intelligence Community requirements management system. This transition occurred, and will continue to occur, as the DoDIMS core system expands to include National system requirements. The name was changed to COLISEUM to reflect the overall Intelligence Community effort.

1.2 Document Scope

The scope of this CONOPS covers COLISEUM's concept for fulfilling a strongly expressed need for a secret collateral version of an automated intelligence requirements, production, and management system by the Intelligence Community. COLISEUM provides the intelligence community with the ability to register, validate, deconflict, track and manage both requests for information (RFIs) and Production Requirements (PRs) and related activities (documentation, messaging, etc.) to ensure the fastest possible responses and the effective utilization of limited resources. The system is and will continue to be based on community-standard hardware and software and will interoperate with various automation environments. COLISEUM uses the DoD's Joint Deployable Intelligence Support System (JDISS)-S workstation, the Defense Secure Network-1 (SIPRNET), and Intelink-S to interface with the intelligence community.

As a result of a February 1996 COLISEUM User conference, users unanimously requested that work begin on fielding a secret collateral version of COLISEUM. Currently, for both operational and budgetary reasons, COLISEUM deployments cannot support existing stovepipe systems or the many diverse and site unique systems which exist throughout the intelligence community. In addition, COLISEUM deployments will not support non-standard communication systems that are not in compliance with validated Joint Requirements and Operations Capability (JROC) joint architectures. (If your organization does not fall within this category, you must coordinate your JDISS/JWICS

requirements through the Defense Intelligence Agency (DIA) Deputy Director for Intelligence Doctrine, Plans, Policy, and Systems Requirements Division (J2P-3), located in the Pentagon at (703) 697-7331.)

COLISEUM received Joint Integration Test Facility (JITF) Certification on 1 September 1995 with an Interim Operational Capability (IOC) implementation date of 1 October 1995. The Final Operational Capability (FOC) implementation is scheduled for summer 1996.

1.3 References

This section provides a bibliography of documents related to and supporting the content of this COLISEUM CONOPS document. These documents include Department of Defense Intelligence Information System (DoDIIS) and COLISEUM as well as other Government documents.

1.3.1 DoDIIS Documents

- a. DoDIIS Management Board (DMB) Charter, 1 Apr. 1991, DoDIIS Management Board, DIA
- b. Department of Defense Intelligence Information Systems Style Guide, Oct. 1991, DoDIIS Management Board, DIA
- c. DoDIIS Management Board Concept of Operations (DMB CONOPS), 3 Dec. 1992, DoDIIS Management Board, DIA
- d. DoDIIS Standards Document, 17 Dec. 1991
- e. Department of Defense Intelligence Information System (DoDIIS) Client Server Environment (CSE) Specification (Draft), 21 May 1992
- f. Operational Requirements Document for the Joint Deployable Intelligence Support System (JDISS) (Draft), 12 Feb. 1993
- g. DoDIIS Dissemination Concept of Operations, 17 Apr. 1993
- h. DoDIIS Site Transition Methodology, DoDIIS Management Board, 22 Apr. 1993
- i. DoDIIS Profile of the DoD Technical Reference Model for Information Management (TAFIM), Sep. 1993
- j. DoDIIS Site Information Systems Security Officer's Handbook, SC-2610-141-93, DIA, Nov. 1993
- k. DoDIIS Developer's Guide for Automated Information Systems (AIS) Security in DoD Intelligence Information Systems, SC-2610-142-93, DIA, Nov. 1993

- l. DoD Site Certifier's Guide, SC-2610-143-93, DIA, Nov. 1993
- m. AIS Project Manager's Handbook - Draft, DIA, Nov. 1993
- n. DIA/S-FM Memorandum, Subject: DODIIS Migration Systems, 7 Feb. 1994
- o. DIA Regulation 24-11, Training, 10 April 1995

1.3.2 Other Government Documents

- a. Principles of Understanding (POU) between the National Intelligence Council (NIC), Production Group, and National Intelligence Producers Board (NIPB), and Defense Intelligence Agency, national Military Intelligence Production Center (NMIPC) for establishing a National Intelligence Producers Board (NIPB) Management Information System (MIS) Program Executive Agent, Undated (For Official Use Only (FOUO))
- b. Doctrine for Intelligence Support to Joint Operations, 31 Jun. 1991, Joint Publication 2-0, Joint Chiefs of Staff (JCS) (Test Publication) (Draft)
- c. Intelligence Joint Tactics, Techniques and Procedures for Joint Operations, 31 Jun. 1991, Joint Publication 2-01, Joint Chiefs of Staff
- d. ASD/C3I Memorandum, Defense Intelligence Systems Management, 31 Oct. 1991, Assistant Secretary of Defense (ASD), Command Control, Communications and Intelligence, Department of Defense
- e. ASD/C3I Study, Intelligence Production Requirement: An Examination of the Timeliness, Accountability and General Health of the System, Jun. 1992, Assistant Secretary of Defense, Command Control, Communications and Intelligence, Department of Defense
- f. DIA Automated Information System Project Managers Handbook (Draft), Oct. 1992
- g. Joint Worldwide Intelligence Communications System (JWICS) Concept of Operations, Feb. 1993
- h. Program Management Plan for the Joint Deployable Intelligence Support System (JDISS) (Draft), 12 Feb. 1993
- i. DoD Human Computer Interface (HCI) Style Guide, Version 3.0, DoD Technical Architecture Framework for Information Management (Final Draft), Vol. 8, Defense Information Systems Agency, 30 Sep. 1993

- j. Functional Requirements for the Intelligence Community's Production Management and Information System (MIS), National Intelligence Producers Board (NIPB), 14 Dec. 1993
- k. J2-JIC Draft Memorandum for Record, Subject: National Military Joint Intelligence Center (NMJIC) Comments on DoDIMS PR Module, JCS, 22 Dec. 1993
- l. National Intelligence Producers Board (NIPB) Functional Requirements for the Intelligence Community's Production Management and Information System (MIS), 11 Jan. 1994
- m. J2-JIC Memorandum, Subject: NMJIC Functional Requirements for the DoDIMS Request for Information (RFI Module), JCS, 3 Feb. 1994
- n. Defense Intelligence Management Document: Department of Defense Intelligence Production Program (DoDIPP), DOD-0000-151-94, Jul. 1994
- o. Defense Intelligence Management Document: Department of Defense Intelligence Production Program: Production Procedures, DOD-0000-151C-95, Feb. 1995
- p. Defense Intelligence Management Document: Department of Defense Intelligence Production Program: Production Responsibilities, DOD-0000-151A-95, Mar. 1995
- q. RL/IRDO Memorandum for DoDIIS Management Board, Subject: Interim JITF Certification for COLISEUM, RL/IRDO, Griffiss Air Force Base (AFB), NY, 01 Sep. 1995

1.3.3 Applicable Supporting Documents

- a. Contract MDA903-91-C-0013 Statement of Work (with modification), Directorate of Contracting Operations (DCO), IACON-DCO-B, United States Army Intelligence and Security Command, Ft. Belvoir, Va., undated
- b. Contract MDA908-95-C-0042 Statement of Work (SOW), Virginia Contracting Activity, undated
- c. DoDIMS Production Requirement (PR) Process Validation, J.G. Van Dyke & Associates, Inc., 14 Feb. 1994
- d. DoDIMS Product Evaluation, J.G. Van Dyke & Associates, Inc., 17 Mar. 1994
- e. DoDIMS Requirements Definition Document (RDD), J.G. Van Dyke & Associates, Inc., 17 Mar. 1994
- f. DoDIMS High Level Functional System Design Document (SDD), J.G. Van Dyke & Associates, Inc., 17 Mar. 1994

- g. DoDIMS/COLISEUM Project Management Plan (PMP), J.G. Van Dyke & Associates, Inc., 30 July 1994
- h. COLISEUM Draft Requirement Definition Document (RDD), J.G. Van Dyke & Associates 30 Aug. 1994
- i. Training Management Plan (TMP) for the Community On-line Intelligence System for End-users and Managers (COLISEUM), J.G. Van Dyke & Associates, Inc., 24 Aug. 1995
- j. The Community On-line Intelligence System for End-users and Managers (COLISEUM) User's Manual, Version 1.0, J.G. Van Dyke & Associates, Inc., 1 Sep. 1995

1.4 Document Organization

This document is intended to be a dynamic document that will change to reflect changes in scope and environment for COLISEUM. Thus, it is intended that the document will contain information that reflects the state of COLISEUM as it is implemented.

This document consists of five chapters and a set of appendices. Section 1, Introduction, contains the purpose and scope of the CONOPS, identifies relevant applicable documentation and discusses the organization of the document. Section 2, Background, presents a general overview and description of COLISEUM, discusses the mission of the application, its foundation in DoD doctrine and addresses the COLISEUM operating environment.

Section 3, COLISEUM Process, presents and discusses the processes that occur within COLISEUM. It also presents the flow of information between the application processes. Section 4, COLISEUM Modules, identifies and discusses, in detail, each of the architectural modules that comprise the COLISEUM system. This section also identifies the relationships and the flow of information between the modules. Section 5, COLISEUM Management Functions, identifies and discusses the management functions required to maintain and use COLISEUM.

The appendices present additional information in several individual areas. Appendix A, Acronyms and Abbreviations, contains definitions for each of the acronyms or abbreviations used in this document. Each acronym or abbreviation is defined within the document the first time it is encountered within the document and, thereafter, only the acronym or abbreviation is used. Appendix B, Glossary, contains definitions for technical terms used in the CONOPS. Each term is alphabetically identified and then defined. Appendix C, Data Flow Diagrams and Component Definitions, presents the entire set of Data Flow Diagrams (DFDs) used throughout the document and provides data dictionary definitions for each of the component objects used in the DFDs. Appendices D through G each contain a concept of operations for an interface between COLISEUM-S and another application or system. The concepts of operation as of this date are:

- InteLink-S

- Automated Tasking System (ATS)
- Joint Collection Management Tools (JCMT)-S
- Modernized Intelligence Data Base (MIDB)-S

Each of these interface CONOPS contains interface specific information without the background information discussed in the COLISEUM CONOPS. These interface descriptions are limited by lack of design or capability yet to be delivered by those respective systems with which COLISEUM is to interface. This CONOPS focuses on integration of COLISEUM into the secret collateral environment of GCCS and JDISS-S.